## Rec'd PCT/PTO 23 JAN 2006

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY ATTORNEY'S DOCKET (includes Reference to PCT International Applications) NUMBER PHDE020165 US As a below named inventor, I hereby declare that: My residence, post office address and citizenship are as stated next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: Magnetoresistive Sensor the specification of which (check only one item below): is attached hereto. was filed as United States application Serial No and was amended was filed as PCT international application PCT/IB03/02901 \_\_\_\_\_ Number June 19, 2003 and was amended under PCT Article 19 (if applicable). I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a). I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed: PRIOR FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. 119: COUNTRY APPLICATION NUMBER DATE OF FILING PRIORITY DAY, MONTH, YEAR **CLAIMED UNDER** 35 USC 119 102 28 662.0 Germany 27 Juni 2002 YES

Combined Declaration For Patent Application and Power of Attorney (Continued) (includes Reference to PCT International Applications)					Attorneys Docket Number PHDE020165 US			
POW	POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact							
all bus	all business in the Patent and Trademark Office connected therewith. (List name and registration number)							
	Jack E. Haken, Reg. No. 26,902  Direct Telephone Calls to: (name and telephone number)							
	ael E. Marion, Re			(914)332-0	· ·			
Edwa	rd M. Blocker, R	eg. No. 30,245		(914)332-0	222			
	FULL NAME OF INVENTOR	FAMILY NAME HINZ	FIRST GIVEN NAME  Michael	•	SECOND GIVEN NAME			
201	RESIDENCE &	CITY	STATE OR FOREIGN COU	NTRY	COUNTRY OF CITIZENSHIP			
201	CITIZENSHIP	Hamburg DEX	Germany	*	Germany			
	POST OFFICE	POST OFFICE ADDRESS	CITY		STATE & ZIP CODE/COUNTRY			
	ADDRESS	Wildacker 40	22523 Hamburg		Germany			
	FULL NAME OF	FAMILY NAME	FIRST GIVEN NAME		SECOND GIVEN NAME			
	INVENTOR	BUTZMANN	Stefan					
202	RESIDENCE &	CITY	STATE OR FOREIGN COUNTRY		COUNTRY OF CITIZENSHIP			
	CITIZENSHIP Hagen DEX		Germany		Germany			
	POST OFFICE	POST OFFICE ADDRESS	CITY		STATE & ZIP CODE/COUNTRY			
	ADDRESS	Hestertstrasse 4	58135 Hagen		Germany			
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true: and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 if Title 18 of the United states Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.								
SIGNATURE OF INVENTOR 201 SIGNATURE OF INVENTOR 202								
	chilar na							
PATE	20.07.200	3 DATE						

(July 1994)

## Rec'd PCT/PTC 23 JAN 2006

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

(includes Reference to PCT International Applications)

ATTORNEY'S DOCKET NUMBER PHDE020165 US

As a below named inventor,	I hereby declare that:		
My residence, post office ad	dress and citizenship are as st	ated next to my name.	•
I believe I am the original, fir plural names are listed below entitled: <b>Magnetoresisti</b> s the specification of which (cl	w) of the subject matter which i ve · Sensor	e name is listed below) or an origina s claimed and for which a patent is	al, first and joint inventor (if sought on the invention
is attached hereto.			
was filed as United State	s application		
Serial No ———			
on			·
and was amended			
on			
was filed as PCT internat	ional application		
Number PCT/IB03/0	02901		
June 19 2	•		
on			
and was amended under PC	T Article 19		
on			(if applicable)
			(ii applicable).
I hereby state that I have rev claims, as amended by any a	iewed and understand the confamendment referred to above.	tents of the above-identified specific	cation, including the
I acknowledge the duty to dis Title 37, Code of Federal Re	close information which is mat gulations, § 1.56(a).	erial to the examination of this appli	ication in accordance with
or inventor's certificate or of a States of America listed belo any PCT international applica	any PCT international application w and have identified below an ation(s) designating at least on	I States Code, § 119 of any foreign on(s) designating at least one country foreign application(s) for patent of e country other than the United States of the application(s) of which priority	try other than the United r inventor's certificate or tes of America filed by me
PRIOR FOREIGN/PCT APPI	ICATION(S) AND ANY PRIOF	RITY CLAIMS UNDER 35 U.S.C. 11	9:
COUNTRY	APPLICATION NUMBER	DATE OF FILING DAY, MONTH, YEAR	PRIORITY CLAIMED UNDER 35 USC 119
Germany	102 28 662.0	27 Juni 2002	YES
		•	

nclu	des Reference to PC	CT International Application	_	,	Attorneys Docket Number PHDE020165 US
OV bu	/ER OF ATTORNE siness in the Patent	EY: As a named inventor, I and Trademark Office conn	hereby appoint the following attorney(s) ected therewith. (List name and registra	and/or agent(s) to pation number)	rosecute this application and transact
ich	E. Haken, Reg. Nael E. Marion, Reard M. Blocker, R	g. No. 32, 266		Direct Teleph (name and te (914)332-0	lephone number)
	FULL NAME OF INVENTOR	FAMILY NAME HINZ	FIRST GIVEN NAME  Michael	<u> </u>	SECOND GIVEN NAME
)Î	RESIDENCE & CITIZENSHIP	IDENCE & CITY STATE OR FOREIGN COUNTRY		COUNTRY	COUNTRY OF CITIZENSHIP Germany
_	POST OFFICE ADDRESS	POST OFFICE ADDRES Wildacker 40	S CITY 22523 Hambur	g	STATE & ZIP CODE/COUNTRY  Germany
	FULL NAME OF INVENTOR	FAMILY NAME BUTZMANN	FIRST GIVEN NAME Stefan		
	RESIDENCE & CITIZENSHIP	CITY Hagen	STATE OR FOREIGN (	STATE OR FOREIGN COUNTRY  Germany	
	POST OFFICE ADDRESS	POST OFFICE ADDRES Hestertstrasse			STATE & ZIP CODE/COUNTRY  Germany
e: a oris	ind further that these	e statements were made wit der section 1001 if Title 18 o	y own knowledge are true and that all st h the knowledge that willful false statem of the United states Code, and that such	ents and the like so r	made are punishable by fine or
3N/	ATURE OF INVENTO	OR 201 S	IGNATURE OF INVENTOR 202		

(July 1994)

Stefan Beten.

DATE

## COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY (includes Reference to PCT International Applications)

ATTORNEY'S DOCKET NUMBER

PHDE020165 US

As a below named inventor, I	hereby declare that:		<del></del>
My residence, post office add		ated next to my name	
I believe I am the original, firs	t and sole inventor (if only one ) of the subject matter which is er Sensor	name is listed below) or an original, fi s claimed and for which a patent is sou	rst and joint inventor (ifught on the invention
is attached hereto.			
☐ was filed as United States	application		
Serial No			
on			
and was amended			
OII		· · · · · · · · · · · · · · · · · · ·	
🛚 was filed as PCT internatio	nal application		
Number PCT/IB03/02	901		
onJune 19, 20	103		
and was amended under PCT	Article 19		
on ————			(if applicable).
l hereby state that I have revie claims, as amended by any an	wed and understand the content nendment referred to above.	ents of the above-identified specification	on, including the
acknowledge the duty to disc Title 37, Code of Federal Regu	lose information which is mate	rial to the examination of this applicati	on in accordance with
or inventor's certificate or of an States of America listed below any PCT international applicati	y PCT international application and have identified below any on(s) designating at least one	States Code, § 119 of any foreign app n(s) designating at least one country of foreign application(s) for patent or inv country other than the United States of the application(s) of which priority is of	other than the United ventor's certificate or of America filed by me
PRIOR FOREIGN/PCT APPLIC	CATION(S) AND ANY PRIORI	TY CLAIMS UNDER 35 U.S.C. 119:	
COUNTRY	APPLICATION NUMBER	DATE OF FILING DAY, MONTH, YEAR	PRIORITY CLAIMED UNDER 35 USC 119
Germany	102 28 662.0	27 Juni 2002	YES

(inclu	des Reference to P	CT International Applicat		•	•	Attorneys Docket Number PHDE020165 US
an ou	silless iii (iie Fategi	and trademark Office c	r, I hereby appoint the following at onnected therewith. (List name an	torney(s) and/or d registration nu	mber)	ecute this application and transact
Mich	E. Haken, Reg. Nael E. Marion, Reard M. Blocker, R	eg. No. 32, 266			Direct Telephone (name and telephone (914)332-022	hone number)
	FULL NAME OF INVENTOR	FAMILY NAME HINZ	FIRST GIVEN Michael	NAME	5	SECOND GIVEN NAME
ياً. کي	RESIDENCE & CITIZENSHIP	Hamburg	STATE OR FO	OREIGN COUN'		COUNTRY OF CITIZENSHIP  Germany
•	POST OFFICE ADDRESS	POST OFFICE ADDR Wildacker 40	CITY <b>22523 Ha</b>	ımburg		STATE & ZIP CODE/COUNTRY  Germany
	FULL NAME OF INVENTOR	FAMILY NAME BUTZMANN	FIRST GIVEN Stefan	NAME	S	ECOND GIVEN NAME
202	RESIDENCE & CITIZENSHIP	Hagen	STATE OR FO	REIGN COUNT		OUNTRY OF CITIZENSHIP Germany
-	POST OFFICE ADDRESS	POST OFFICE ADDRE		gen		TATE & ZIP CODE/COUNTRY Sermany
impriso	na minici mat mese	der section 1001 if Title 1	my own knowledge are true and t with the knowledge that willful fals 8 of the United states Code, and th	e statemente an	d the like co mad	nation and belief are believed to be e are punishable by fine or nay jeopardize the validity of the
SIGNA	TURE OF INVENTO	DR 201	SIGNATURE OF INVENTOR 202	2	<del>-  </del>	

(July 1994)

Stefan Bebrus

DATE

(inclu	Combined Declaration For Patent Application and Power of Attorney (Continued) (includes Reference to PCT International Applications)  Attorneys Docket Number PHDE020165 US						
POW all bus	ER OF ATTORNI siness in the Patent	EY: As a named inventor and Trademark Office of	or, I hereby appo connected there	oint the following attorney(s) and with. (List name and registration	/or agent(s) to pro number)	secute this application and transact	
	E. Haken, Reg. N				Direct Telepho	ne Calls to: ephone number)	
	ael E. Marion, Re ard M. Blocker, R			(914)332-0			
Dawe							
·	FULL NAME OF INVENTOR	FAMILY NAME HINZ		FIRST GIVEN NAME  Michael		SECOND GIVEN NAME	
201	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN CO		INTRY	COUNTRY OF CITIZENSHIP	
	CITIZENOTIII	Hamburg		Germany		Germany	
	POSTOFFICE	POST OFFICE ADDR	RESS	CITY		STATE & ZIP CODE/COUNTRY	
	ADDRESS	Wildacker 40		22523 Hamburg	1	Germany	
	FULL NAME OF	FAMILY NAME		FIRST GIVEN NAME		SECOND GIVEN NAME	
	INVENTOR	BUTZMANN		Stefan		SECOND GIVEN NAME	
202	RESIDENCE &	CE& CITY HIP Hagen		STATE OR FOREIGN COUNTRY  Germany		COUNTRY OF CITIZENSHIP	
. 7	CITIZENSHIP					Germany	
	DOOT OFFICE	DOOT OFFICE ADDRESS					
1	POST OFFICE ADDRESS	POST OFFICE ADDRESS Hestertstrasse 4		S8135 Hagen		STATE & ZIP CODE/COUNTRY  Germany	
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true: a	nd further that these	e statements were made der section 1001 if Title	with the knowle	edge that willful false statements:	and the like so ma	ormation and belief are believed to be ade are punishable by fine or s may jeopardize the validity of the	
	TURE OF INVENTO	al Dia	. 6.	OF INVENTOR 202			
AIL	20.07.200	3	DATE				

(July 1994)

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For good and valuable consideration, of which I acknowledge receipt, I, as a below-named assignor, sell and assign to U.S. Koninklijke Philips Electronic's N.V. (hereinafter "Assignee") a corporation existing under the laws of the Kingdom of the Netherlands, whose business address is Groenewoudseweg 1, 5621 BA Eindhoven, the Netherlands, its successors and assigns, the application for a United States Patent for the improvements in a Magnetoresistiver Sensor invented by us, which application: is executed concurrently herewith was executed by me/us on ..... is Serial No. ..... filed ..... IX is International Application NoP.C.T./.IB0.3/.0.2901.filed.lun.e...19.,...20.03 and all rights in and to said application, and all Patents which may be granted therefor, and all divisions, reissues, continuations and extensions thereof, and authorize and request the Commissioner of Patents and Trademarks to issue all Patents on said improvements or resulting therefrom to said Assignee as assignee of the entire interest and covenant that I have full right so to do, and agree that I will communicate to said Assignee or its representatives any facts known to me respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said Assignee, its successors, assigns and nominees, to obtain and enforce proper protection for said invention. (sign name here) Assignor 20.07.2003 Date (print name here)

Stefan BUTZMANN

, Assignor

(sign name here)

(print name here)

Date

For good and valuable consideration, of which I acknowledge receipt, I, as a below-named assignor, sell and assign to U.S. Koninklijke Philips Electronics N.V. (hereinafter "Assignee") a corporation existing under the laws of the Kingdom of the Netherlands, whose business address is Groenewoudseweg 1, 5621 BA Eindhoven, the Netherlands, its successors and assigns, the application for a United States Patent for the improvements in a

wagnetoresistive	er Sensor invented by us	s, which application:	
is Serial No	ne/us on filed	02901 filed June 19, 2003	
continuations and exter Patents on said improve have full right so to do respecting said improve and reissue application	ensions thereof, and author vements or resulting thereft o, and agree that I will comvements and testify in any las, make all rightful oaths a	Patents which may be granted therefor, and ize and request the Commissioner of Patent from to said Assignee as assignee of the entimunicate to said Assignee or its represental legal proceeding, sign all lawful papers, example and generally do everything possible to aid per protection for said invention.	ts and Trademarks to issue all ire interest and covenant that I tives any facts known to me ecute all divisional, continuing
Date	(sign name here) (print name here)	Michael HINZ	, Assignor
20.07.2003 Date	(sign name here)	Stefan Bubena— Stefan BUTZMANN	, Assignor